PGP: Pretty Good Privacy. By Simson Garfinkel. O'Reilly & Associates, Sebastopol, CA. (1995). 393 pages. $19.95.
Contents:

Foreword. Preface. I. PGP overview. 1. Introduction to PGP. 2. Cryptography Basics. II. Cryptography history and policy. 3. Cryptography before PGP. 4. A pretty good history of PGP. 5. Privacy and public policy. 6. Cryptography patents and export. III. Using PGP. 7. Protecting your files. 8. Creating PGP keys. 9. Managing PGP keys. 10. Encrypting email. 11. Using digital signatures. 12. Certifying and distributing keys. 13. Revoking, disabling, and escrowing keys. 14. PGP configuration file. 15. PGP internet key servers. IV. Appendices. A. Getting PGP. B. Installing PGP on a PC. C. Installing PGP on a UNIX system. D. Installing PGP on a Macintosh. E. Version of PGP. F. The mathematics of cryptography. Glossary. Bibliography. Index.

The Mosaic Handbook for the Macintosh. By Dale Dougherty and Richard Koman. O'Reilly & Associates, Sebastopol, CA. (1994). 171 pages. $29.95 (with diskette).
Contents:

Foreword. Preface. 1. The wide world of internet services. 2. Getting started with Mosaic. 3. Exploring the World Wide Web. 4. Accessing other internet services. 5. Customizing Mosaic. 6. Using Mosaic for multimedia. 7. Creating HTML documents. 8. Future directions. Appendix A. Mosaic reference guide. Appendix B. HTML reference guide. Glossary. Index.

Foundations of Databases. By Serge Abiteboul, Richard Hull and Victor Vianu. Addison-Wesley Publishing Company, Reading, MA. (1995). 685 pages. $50.95.
Contents:

Preface. Part A. Antechamber. 1. Database systems. 2. Theoretical background. 3. The relational model. Part B. Basics: Relational query languages. 4. Conjunctive Queries. 5. Adding negation: Algebra and calculus. 6. Static analysis and optimization. 7. Notes on practical languages. Part C. Constraints. 8. Functional and join dependency. 9. Inclusion dependency. 10. A larger perspective. 11. Design and dependencies. Part D. Datalog and recursion. 12. Datalog. 13. Evaluation of datalog. 14. Recursion and negation. 15. Negation in datalog. Part E. Expressiveness and complexity. 16. Sizing up languages. 17. First order, fixpoint, and while. 18. Highly expressive languages. Part F. Finale. 19. Incomplete information. 20. Complex values. 21. Object databases. 22. Dynamic aspects. Bibliography. Symbol index. Index.

Mathematica® for Scientists and Engineers. By Thomas B. Bahder. Addison-Wesley Publishing Company, Reading, MA. (1995). 846 pages. $42.95.
Contents:

1. The building blocks. 2. Working with lists. 3. Graphics. 4. Scoping constructs. 5. Functions. 6. Symbolic calculation. 7. Numerical calculations. 8. Vectors, matrices, and tensors. 9. Differential equations. 10. Boundary value problems. 11. Input and output. 12. Running *Mathematica*. 13. *Mathematica* packages. 14. Introduction to *MathLink* communication. Appendix: The *Mathematica* system. Index.

Migrating to Object Technology. By Ian Graham. Addison-Wesley Publishing Company, Wokingham, England. (1995). 552 pages. $41.95 (diskette included).
Contents:

Foreword by Bertrand Meyer. Preface. Part I. Migration, interoperation and applications. 1. The need for object technology. 2. Interoperation, reuse and migration. 3. Building graphical user interfaces. 4. Distributed systems, databases and object management. 5. Building expert systems. Part II. Migration using SOMA: The Semantic Object Modelling Approach. 6. Object modelling. 7. Requirements capture and analysis. 8. Strategic modelling and business process re-engineering. 9. Life cycle. 10. Metrics, estimation and testing. 11. Coordination and reuse. 12. Moving to physical design and implementation. 13. Case studies. Appendix A. Notation summary. Appendix B. Using the *SOMATiK* software tool. References. Name index. Subject index.

LaTeX: *A Document Preparation System User's Guide and Reference Manual*. By Leslie Lamport. Addison-Wesley Publishing Company, Reading, MA. (1994). 272 pages. $32.95.
Contents:

Preface. 1. Getting acquainted. 2. Getting started. 3. Carrying on. 4. Moving information around. 5. Other document classes. 6. Designing it yourself. 7. Pictures and colors. 8. Errors. A. Using *MakeIndex*. B. The bibliography database. C. Reference manual. D. What's new. E. Using Plain TeX commands. Bibliography. Index.

The Antisymmetry of Syntax. By Richard S. Kayne. MIT Press, Cambridge, MA. (1994). 195 pages. $17.95.
Contents:

Series Foreword. Preface. Acknowledgments. Part I. 1. Introduction. 2. Deriving X-bar theory. Part II. 3. Adjunction. 4. Word order. 5. Further consequences. Part III. 6. Coordination. 7. Complementation. 8. Relatives and possessives. 9. Extraposition. Part IV. 10. Conclusion. Notes. References. Index.